

## Masonic Temple

(Visitors who have not been examined must be in the Temple by seven-fifteen.)

### Weekly Calendar

**MONDAY—**  
Lodge Le Progres No. 371, stated, 7:30 p. m.

**TUESDAY—**  
Honolulu Lodge No. 409, special, third degree, 7:30 p. m.

**WEDNESDAY—**  
Hawaiian Lodge No. 21, special, second degree, 7:30 p. m.

**THURSDAY—**  
Scottish Rite Bodies, regular, 7:30 p. m.

**FRIDAY—**  
Lodge Le Progres No. 371, special, first degree, 7:30 p. m.

**SATURDAY—**

**SCHOFIELD LODGE**

**SATURDAY—**  
Schofield Lodge No. 443, P. & A. M., special meeting, June 30, at 7:30 p. m. Work in third degree.

## Odd Fellows Hall

### WEEKLY CALENDAR

**MONDAY—**  
Harmony Lodge No. 2, 7:30 p. m. Regular meeting.

**TUESDAY—**  
Excelsior Lodge No. 1, 7:30 p. m. Regular meeting.

**WEDNESDAY—**  
Pacific Rebekah Lodge No. 1, 7:45 p. m. Special initiation drill.

**THURSDAY—**  
Pacific Rebekah Lodge No. 1, 7:30 p. m. Election of officers. Initiation of candidates. Refreshments on the roof garden.

**FRIDAY—**

**MONDAY—**

**HONOLULU LODGE NO. 1, MODERN ORDER OF PHOENIX**

Will meet at their home, corner of Bernania and Fort streets, every Thursday evening at 7:30 o'clock.

J. W. ABCH, Leader.

FRANK MURRAY, Secretary.

**HONOLULU LODGE NO. 1, P. O. E. U.**

meets in their hall on King st., near Fort, every Friday evening.

Visiting brothers are cordially invited to attend.

JAS. H. FIDDER, E. R. H. DUNBAR, Sec.

Honolulu branch of the GERMAN AMERICAN ALLIANCE

of the U. S. A. Meetings in K. of P. Hall last Saturday of every month.

PAUL R. IRENBORG, Pres. C. BOLTE, Sec.

**HERMANN SOEHNE**

Honolulu Lodge, No. 1. Versammlungen in K. of P. Hall (open every night and on Monday).

May 7 and 11, June 4 and 18.

EMIL KLEMMER, Pres. C. BOLTE, Sec.

**MYSTIC LODGE NO. 2, K. of P.**

Meets in Pythian Hall, corner Fort and Bernania streets, every Friday evening at 7:30 o'clock. Visiting brothers cordially invited.

E. W. BULL, C. C. A. B. ANGUS, P. C. K. E. and S.

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## RELIGIOUS ACTIVITIES ARE INCREASING

### GREAT CHURCH GROWTH IN FIVE YEARS

Thousands of persons have been added to the congregations of, and thousands of dollars have been spent for new equipment and in the extension of work by the churches of Honolulu during the last five years. In its religious activities Honolulu is not to be outdone by progressive cities of similar size on the mainland, and during the period between 1912 and 1917 interest in church work and church life has increased by leaps and bounds until there has been built up as fine and as complete an organization as will be found anywhere.

So great has been this growth and so keen the interest in religious work that the Star-Bulletin, since a few months after its inception, has devoted each Saturday an entire page to religious news, including items on both local and mainland activities. Honolulu's leading churches contribute weekly to this page.

**Central Union Gains**  
During the past five years the membership of Central Union church has increased from 1055 to 1205 individuals and, in the number of families represented, from 785 to 970. Its expenses have mounted from \$17,369 to \$21,156 and its benevolences have risen proportionately. The revision of the church rules has simplified and broadened the requirements for membership.

The Bible school has grown more in efficiency throughout all departments than in numbers, though they have increased slightly. It has added greatly to its own equipment and increased its benevolences from \$864.50 to \$932.70.

The Woman's Board of Missions has revised its constitution, reorganized its committee work and come into a closer touch with the problems of the community without losing its wide outlook upon the foreign field.

The most spectacular gain in membership has been made by the Women's Society, which now enrolls 317 as over against 145. To this enterprising organization are due many improvements in the social life of the church.

The most outstanding innovation in these years is the creation of a religious education committee, which is now a recognized and important factor in the work of the church and Bible school.

**A Methodist Aloha**  
Five years ago the First Methodist church had just moved to its new property at Bernania and Victoria street. The church building was completed, but the organ was not installed. The property changes, they have been addition of the organ, minor improvements, and the paragonage now in course of construction.

The new location has proved a decided advantage, and the work has grown steadily. Membership has gained 52 per cent; Sunday school enrollment 65 per cent. The amount contributed for the support of the church has nearly doubled, while the amount returned by the church for missions and other benevolent causes is three times greater than five years ago.

But while statistics should tell the truth, they never tell the whole truth. To this figure skeleton must be added flesh and clothes. The things a church has most satisfaction in do not appear in compilations. The boys and girls trained in "the nurture and admonition of the Lord," the men and women

steadied and cheered in the thick of the fight, those who have lost courage and faith started right again—these are the opportunities that have come, and for which the First Methodist church is thankful.

"It would say 'Thank you' to Honolulu for the chance it has had to help in shaping our community interests," says Rev. L. L. Looftbour, the minister. "It would say 'Thank you' to the Star-Bulletin for its friendliness and help in these five years past. It has been appreciated. Where is another city whose papers are as interested and helpful in the better interests of their community than here? So, Star-Bulletin, have your birthdays as fast as possible, and let us all come to the parties!"

**The Christian Church**  
Honolulu is fortunate in the possession of a large number of institutions devoted to the social welfare. These institutions are sharing in the prosperity that has come to the rest of Honolulu interests. Standing among the foremost of these institutions is the Christian church, an institution that has trebled its membership in five years, and is making its influence felt along many lines of community betterment work.

During these five years the church has erected one of the most beautiful church homes to be found anywhere, a building that has become a center of tourist interest, and one that is a seven-day-a-week house of activity. And this was accomplished without asking for a cent of money outside of the membership of the church.

The congregation is just now making considerable alteration in the building and installing a new pipe organ. All this shows how deep and devoted is the loyalty of the members of the church to their church home.

In addition to the regular and stated church services, the boy scouts find a meeting place there, a Red Cross circle is turning out hundreds of garments for Red Cross hospitals, a kindergarten gathers a large family of children under expert leadership, several boys' and girls' clubs carry on their work under its shelter, there is a woman's organization of 125 members, and innumerable meetings of miscellaneous nature are held in its spacious rooms.

**Big Growth Apparent**  
All of the other churches of Honolulu, including Episcopal, Catholic and Hawaiian, report unusually good gains in membership in the last five years, and also an increase in religious activities within their own circles.

One of the notable events of the last five years, as regards the spread of religious activity, is the erection of the large Mormon temple at Laie, Oahu, which is the first temple of its kind to be erected outside of mainland North America. Architects came here from Utah to prepare the plans and take charge of the construction work and the temple, now on the verge of completion, is a splendid addition to Oahu's already large collection of handsome church buildings.

Foundations are now being laid for a new building for the First Church of Christ, Scientist, located at Wilder avenue and Kewalo streets. Several new Catholic churches have been built during the last five years, including the Church of the Sacred Heart, Punahou.

## COURTS OF HONOLULU HAVE CLEARED

### AWAY MUCH WORK LAST FIVE YEARS

#### Reports Show Criminal Cases Have Been on Decline Last Twenty-four Months

During the last five years thousands of cases, civil and criminal, have found their way into and been disposed of by the supreme, circuit and district courts of the territory. Records in the supreme court show that from the period of 1912-13 to 1915-16, both inclusive, 91,989 cases have been entered of record in all courts. During the 1916-17 period the number of cases decreased 753 as against the number entered during the 1914-15 period.

Reports in the supreme court give the following figures to illustrate the number of cases entered during the last five years:

	1911-12	1913-14	1915-16
Civil	6,474	6,434	6,514
Criminal	22,714	25,252	24,601
Total	29,188	31,686	31,115

These cases were distributed as follows:

	1911-12	1913-14	1915-16
Supreme	149	134	170
Circuit	2,999	3,555	3,543
District	26,040	27,997	27,492

Total

29,188 31,686 31,115

The work of the land court during the last five years is summed up as follows:

	1912	1913	1914	1915	1916
Petitions	41	36	31	12	39
Decrees	29	28	27	27	16

The following table shows the work of the juvenile court from 1912 to and including 1916, the 1917 report having not yet been made.

Delinquent cases:

	1912	1913	1914	1915	1916
Boys	454	420	306	651	400

During the last five years divorces have been granted as follows:

	1912	1913	1914	1915	1916
1st circuit	231	212	234	252	219
2d circuit	47	41	37	60	51
3d circuit	13	6	6	4	12
4th circuit	37	49	38	58	67
5th circuit	18	29	9	15	30

Totals

252 337 324 389 379

The Commissioner of Corrections has renamed all the penal institutions on Blackwell's, Hart's and Ricker's islands.

Former Secretary of War Henry L. Simson, now a major, was ordered to report for assignment to the army war college in Washington.

Chief of Police W. J. Quilly, announced that the Springfield, Mass., Police Relief Association voted to buy

## SEWER SYSTEM GROWTH IS MARK OF

### CITY'S ADVANCE IN POPULATION

#### Superintendent Murray Gives Facts and Figures on Past, Present and Future

By HARRY E. MURRAY, Superintendent of Waterworks and Sewers  
The first real effort by the government for a sanitary sewer system for Honolulu was in the year 1881. The consensus of opinion at that time however, was against the establishment of a sewer system so that little was done.

In 1883 the question of sewerage was again discussed. In 1888 Major Bender made a report on a sewer system which was filed. This report called for an intercepting sewer along Queen street into which the laterals would deliver.

A reservoir and pumping plant was to be erected in such a location that the sewage could be collected and pumped far enough to sea so that it would not return. Major Bender had not decided on the exact location for the pumping plant, but experiments had shown that from a point off the slaughter house refuse thrown into the sea was carried outward.

**The Herring Report**  
In 1898 a very thorough report on a sewer system, which was adopted, was made by Mr. Rudolph Herring. In this report two locations for an outfall sewer were considered. One was west and one east of the harbor. Both projects were worked out in detail. The best discharge that could be obtained for the western outfall, allowed the sewage to be discharged under only 13 feet of water. The eastern outfall allowed sewage to be discharged in 100 feet of water.

In 1899 contracts were let for the first sanitary sewer system for the city of Honolulu. These contracts called for a sewer system for the central or business section, practically 33 miles of sewer lines, the construction of the eastern outfall; the building of a pumping station and the furnishing of pumps and machinery. Improvements Decided On

The eastern outfall was decided upon because it discharged sewage from 100 feet of water; provided a better location for a pumping station; took care of a larger area of territory and was less costly from a pumping standpoint.

In 1899-1900 the business section of the sewer system was finished, but the outfall sewer line was only extended 3,600 feet, or into 27 feet of water. Through the difficulty of extending the line through heavy seas and for other reasons the contractor failed to finish the outfall, laying only 1,592 feet of sewer. The department continued to complete the job laying practically 2,000 feet more, when insufficient funds compelled the work to be discontinued.

(Note: The outfall sewer line at the present time extends only into 23 feet of water instead of 100 feet as originally planned. Its condition after seventeen years of service is such that it would be a waste of money to extend it to the original depth planned. The only practical way to carry out the original plan, that is, discharge the sewage in 100 feet of water, is to construct an entirely new outfall sewer.)

**Record of Progress**  
In 1901 the Makiki and Punahou sewer lines were installed. In 1902 and 1903. Part of the Kakaako system was completed. In 1904 a Nuuanu line was laid, which in 1906 was extended to Judd street.

In 1908 part of the Kalihi system was laid. In 1911 a line was laid on Metcalf street. In 1912 Palama was sewered. In 1913 Auwalohimu, or Punchbowl, received its sewer system.

In 1916. The entire Punahou district was sewered making the total length of the sewer lines in the city of Honolulu in 1916 practically 80 miles.

The sewer system as originally planned estimated 60 gallons per capita daily for 50,000 people, or a total discharge per day of practically 3,000,000 gallons.

At the present time the amount per capita is nearer 200 gallons, or a discharge of 10,000,000 gallons daily. Mr. Herring in his report stated that the "volume of sewage depended upon the consumption of water" and warned us that it was essential to have our system built water-tight which, it is thought, was done.

It appears, however, with only about two-thirds of our people served, the system is over-taxed. Suggestions

To reduce the per capita discharge to a reasonable amount we should meter the water privileges adopting this suggestion. The sewer system in the area in which is constructed is adequate for all present or probable demands for the next 25 years, except the Kalihi outfall, which is undoubtedly a greater danger than the pump outfall as the accumulation has no waves to break it up and no current to carry it away.

The Kalihi outfall should be extended across Kalihi bay into deep water and a pumping station unit installed. A test was made of the amount of water unnecessarily handled by the sewer station, by reducing the pressure carried in our city mains. Just before the pressure was reduced, the gauge at the sewer station showed a level of 40 inches. In ten minutes after the water pressure was reduced the gauge started to drop and continued to do so until it registered 24 inches.

This demonstrated the great number of leaky fixtures in the city water system. The per capita of Honolulu is three to four times the amount estimated for a city of our size. We are indulging in one of the most extravagant bits of municipal folly possible, paying for pumping water, and allowing it to waste, then paying for pumping it away through the sewer system.

The original equipment at the pumping station was two twenty-horsepower engines and two four million gallon centrifugal pumps.

The equipment installed at this time is, two twelve million gallon centrifugal pumps, and one ten million gallon centrifugal pump, a capacity sufficient to take care of Honolulu for years to come.

**Present Sewer System**  
The present sewer system extends from Kalihi to Metcalf street. It is not possible to extend this system beyond these limits without alterations. In the general plan of a sewer system to take care of greater Honolulu it is proposed to take care of the districts beyond the reach of the present system by separate systems, each adapted to the topography. For example, the system as laid out for the immediate needs of Waikiki is designed to take care of all the low lying country bounded by the beach, Ena road, a line 500 feet east of Kakaako avenue, and Kapiolani park. This system will be almost entirely below tide level with a main pumping station on the Ala Moana road at the Kalia bridge, pumping into a 24 inch trunk line to the present sewer station at Kakaako.

When the swamps at Waikiki are filled and laid out into residence lots the necessary extensions may be made to this sewer unit.

For the high levels, that is above the 20 feet contour, it is proposed to install a direct gravity system to the ocean or build disposal plants in suitable locations in which the sewerage would be treated, and the effluent, thus rendered innocuous, be discharged into streams or used for irrigation.

The number of privileges in service in 1911 were 2,500. The number in service in 1916 were 4,500. An increase in 5 years of 2,000 privileges. The collections for the year ending June 30th, 1917 were \$19,065.15. The collection in 1916 were \$34,464.05 or an increase of 100 per cent in practically five years.

The sewer system started with 33 miles of sewer lines; today there is over 80 miles of sewer line in service. An appropriation of \$45,000 for the sewer system for Kalihi was made by the last legislature. This work will be contracted for within the next month.

**Looking To Future**  
After the first of the year, or January 1, 1918, there will be no charge made for sewer service. The department will be maintained by a special tax rate on real and personal property.

On January 1, 1918, also there will be available for extension to the water and sewer system by a special general tax levy the sum of approximately \$140,000 each year. This money is directed under the control of the Board of Supervisors, and no doubt, for the first year will be used to prepare the business section of Honolulu for the placing of permanent streets.

After the first year the Board of Supervisors will be in a position to build a filtration plant, or extend the sewer system into Waikiki and Kakaako, and each year continue to make improvements until the entire city will be improved and modernized.

## VACANT BUNKS

### MUTE REMINDERS

#### OF WEEDING OUT

SAN FRANCISCO, Cal.—A cloud of gloom joined with the war cloud over the reserve officers' training camp at the Presidio yesterday, and made it an anxious holiday for nearly 2800 student officers.

The men are beginning to have brought home to them the meaning of "the weeding-out process." In nearly every squadroom are vacant bunks; dismissal of many men has broken close friendships made in the three weeks of the camp; the men are wondering who is going next.

Military discipline at the camp is being drawn tight. The men are supposed to have learned the things covered in the three weeks of training, and ignorance on any point brings sharp reprimands. The men now have the status of regulars.

Strict physical examinations are taking their toll of men. In the preliminary tests before the men came to camp defective vision that could be corrected with glasses was passed; now the army surgeons have told the men they must pass the tests without glasses. In some companies men who report for sick call are sent to the post hospital for immediate physical examination. The men have noticed it, and reports at sick call are becoming scarcer.

Small things may mean dismissal. One commanding officer Saturday called a man out of ranks and ordered him to get his hair cut. Some of the men who are barred by physical examinations protest, but their protests pass unheeded. It has come to mean the survival of the fittest. Some of the men are even beginning to have doubts as to their fitness. They are taking careful personal inventories.

The California Coast Artillery, National Guard, which will be called into the Federal reserve July 15, announced yesterday openings for two master electricians at \$31 a month; six engineers at \$71, eight electrician sergeants, \$51; twenty-four assistant engineers, \$51; four master gunners, \$48; six electrician sergeants, \$44; eight radio sergeants, \$38, and four firemen, \$38.

Word comes that the recently established British recruiting office at 268 Market street, which is enlisting men for the forestry depot at Vancouver, B. C., has sent seventy-three men to the northern city within the past few days. The men in this work are used to get out material for reconstruction in France necessitated by war, and to supply the lumber and other materials for keeping the trenches Manchester, in charge of the recruiting, is making a special appeal to dry for the fighting units. Major C. S.

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